食用及覆蓋用大豆品種改良

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行政院農業委員會台南區農業改良場

摘　要：(1)綠肥大豆台南 4 號於 89 年秋作於雲嘉南各鄉鎮進行繁殖 74 公頃採種田，目前生育良好，可望供給 90 年 5,000～6,000 公頃之休耕田綠肥種植。(2)由覆蓋用大豆品系試驗中，已選育兩個匍匐型大豆台南育 7 號及台南育 8 號，兩者在果園草生栽培，每公頃播種量僅需 10 至 15 公斤，覆蓋期長，約 180 天至 210 天，耐病蟲害，抑制雜草效果好，成本低，由 3 月初進行種植至生育期 200 天時已是 9 月中下旬，此時至翌春氣溫低，雨水少，雜草生長緩慢，植株自然乾枯，覆蓋在表土防除雜草，因此可達全年覆蓋效果，且果樹之生長較草皮修剪區之果樹生育良好，果園行間種植台南育 7 號，一年後較草皮修剪區果樹樹幹基圍增加 1.4 公分，株高 17 公分，枝葉寬幅 32 公分。(3)豆芽用大豆品系試驗，89 年春作參試品系試驗以 88bs－8 之每公頃 2,859 公斤為最高產，其次 88bs－6 之每公頃為 2,747 公斤，較對照品種台南選 1 號增產 22.3% 及 17.5% ，其百粒重分別為 19.8 公克及 18.3 公克，將進一步評估。

Improvement of Soybean Varieties for Food and Cover Crop

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Abstract: (1) In the fall crop season of 2000, green manure crop Tainan 4 was produced amount to 74 hectare at Yu-Chia-Nan area. (2) In the cover crop trail, there were 2 superior selected lines including Tainan yu 7 and Tainan yu 8. The two lines would be applied to an orchard for cover space and weed control in a whole year. The row space of orchard was planted Tainan yu 7 pass by one year, fruit plant has 1.4cm adder in circumference of stem, 17cm higher in plant height and 32cm enlarger in branches and leaves than the clipping turf area. (3) In the soybean trial for bean-sprout, 88bs-8 and 88bs-6 in the spring crop season of 2000 were higher in yield than the check, Tainan selection 1, by 22.3% and 17.5%, respectively.